



Mellish Eye Associates

Dr. David J. Mellish |

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July 21, 2014

Ms. Marlene H. Dortch
Secretary
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

RE: WT Docket No. 14-100, Spectrum Networks Group and M2M Spectrum Networks

Dear Ms. Dortch,

I am writing this letter to you in support of M2M Spectrum Networks ("M2MSN") and to kindly request that the Commission grant its 900 MHz applications so that it may use these licenses for a dedicated, nationwide machine to machine communications network.

I am a practicing Optometric Physician, founder and owner of Mellish Eye Associates out of Williamstown, New Jersey. I am also the managing member of MELLCELL, LLC, which is an entity filing 900 MHz license applications to be leased to M2M Spectrum Networks. I have invested my hard earned money into M2MSN because its executive team is capable and experienced and because I am a firm believer that advanced machine to machine technologies will drastically improve and enhance lives. I also believe that in order for the Internet of Things to reach its tipping point, our communications ecosystem must include a dedicated, low cost wireless network solely for M2M devices such as the one being built by M2M Spectrum Networks.

The medical community would greatly benefit from this kind of network. In optometry there are dozens of emerging, life changing devices that require reliable, secure and affordable wireless connectivity. For example, Google is developing a smart contact lens which will help doctors continuously monitor the glucose levels in diabetes patients using a tiny wireless chip and a miniaturized glucose sensor; something that would greatly enhance the lives of the 1 in every 19 Americans who suffer from diabetes. This same technology could also be used in a contact lens to better monitor and treat glaucoma by observing how high intraocular pressure rises during the night. Or consider a recently developed wireless retinal prosthesis that physicians can use, working together with smart glasses, to restore vision to patients who have been



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blinded by retinitis pigmentosa. Even something as simple as the white cane can be "smart" – using location based technology and ultrasonic sensors to make the world a less dangerous place for the blind. It's exciting to me that M2MSN's network can bring me one step closer to being able to offer these services to my patients.

I am also a 32+ year military veteran and have served as Medical Group Commander of the 177th Fighter Wing for the New Jersey Air National Guard for nearly fifteen years. I oversaw all aspects of Aerospace medicine for the 177th F-16 Fighter Wing and I see how M2M technologies will be a critical tool used by our nation's first responders for both preventative and reactive measures.

I have personally introduced M2M Spectrum Networks to over 20 of my friends, relatives and associates, all like-minded professionals who have also made significant investments in the company. I applaud the vision and hard work put forth by Barclay Knapp and his team at M2M Spectrum Networks. This is not an amateur effort; Barclay Knapp has a 30 year history of building and operating groundbreaking and highly successful communications networks. I have no doubt that he will put this spectrum to the best and highest use for the American people. And so, I respectfully ask the Commission to grant M2M's 900 MHz license applications so that we may all benefit from this nationwide, dedicated M2M network in a timely manner.

Sincerely,

Dr. David J. Mellish, Optometric Physician
Diplomat, American Board of Optometry